

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: **Michael T. Migawa et al.** Confirmation No.: **2825**  
Serial No.: **10/592,919** Art Unit: **1635**  
Filed: **July 31, 2007** Examiner: **BOWMAN, Amy Hudson**  
ISIS Docket Number: **CORE0037USA** JD Docket Number: **12207-241-999**  
(CAM: **489808-999241**)

Title: **COMPOSITIONS AND METHODS FOR OPTIMIZING CLEAVAGE OF RNA BY RNASE H**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate of EFS-Web Transmission (37 CFR § 1.8)**  
I hereby certify that this correspondence is being transmitted via the  
U.S. Patent and Trademark Office electronic filing system  
(EFS-Web) to the USPTO on April 11, 2011 by

Signature /Carrie J. Hines/

Sir:

**AMENDMENT AND RESPONSE**

Responsive to the Office Action dated October 21, 2010, for the above identified patent application, Applicants respectfully request entry of the amendments and consideration of the accompanying remarks.

**Amendments to the Claims** are reflected in the listing of the claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

*Petition for Extension of Time under 37 CFR 1.136.* It is respectfully requested that the time for response to the Office Action dated October 21, 2010, be extended for a period of three months from January 21, 2011, to April 21, 2011.

The Commissioner is hereby authorized to charge the fee for a three month extension of time in the amount of \$555.00, and any other required fee(s) to Jones Day Deposit Account No. 50-3013, referencing our number 489808-999241. Please also credit any excess fees to such deposit account.